

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 3/18/2005
W. M. Barr

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SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME ADDRESS
W.M. BARR & COMPANY, INC. 2105 Channel Avenue
Memphis, TN 38113 USA

EMERGENCY TELEPHONE #1 EMERGENCY CONTACT
901-775-0100 W.M. Barr Technical Services

EMERGENCY INFORMATION

"3E" 24 HOUR MEDICAL EMERGENCY #, 800 451-8346.
SEE SECTION 5 FOR ADDITIONAL EMERGENCY INFORMATION

INVENTORY ITEM #
WWA73809

PRODUCT NAME
CS WIPE AWAY 8 OZ

REVISED BY REVISION DATE
W.M. Barr Technical Services 2/18/2005

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CARCINOGENICITY

SUBSTANCE DESCRIPTION	PERCENT	CAS#	NTP	ACGIH	OSHA	IARC
CITRUS TERPENES	55- 60	59889-27-5	N	N	N	N
ETHYLENE GLYCOL MONOBUTYL ETHER	30- 35	111-76-2	N	N	N	N
ETHYL ALCOHOL	5- 10	64-17-5	N	N	N	N

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG.AGCTY	U/M	TWA	STEL	CEIL	SKIN	PEL
CITRUS TERPENES	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E
ETHYLENE GLYCOL MONOBUTYL ETHER	ACGIH	PPM	25.00	N/E	N/E	Y	N/E
	OSHA	PPM	N/E	N/E	N/E	Y	50.00
ETHYL ALCOHOL	ACGIH	PPM	1000.00	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	1000.00

ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)

Ingredients in this product are not listed on California's Prop 65 list: "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity."

SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains no chemicals subject to the reporting requirements of SARA III: Section 313.

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SECTION 3. REGULATORY INFORMATION
(CONTINUED)

CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

May cause dizziness; headache; irritation of the respiratory tract; irritation and injury to mucous membranes; weakness; drowsiness; nausea; nasal discomfort and discharge; chest pain and coughing; vomiting; narcosis; liver and kidney injury; blood disorders; nose tumors.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Product may be absorbed through damaged skin. Harmful if absorbed through skin. May cause irritation; drying of skin; dermatitis; itching; redness; inflammation; swelling; burning and tissue damage. May be absorbed readily to produce symptoms similar to those listed under inhalation.

EYE CONTACT ACUTE EXPOSURE EFFECTS

This material is an eye irritant. May cause irritation; redness; stinging; swelling of the conjunctiva; and excess blinking and tear production.

INGESTION ACUTE EXPOSURE EFFECTS

May cause dizziness; headache; drowsiness; nausea; weakness; loss of coordination; stupor; depression of the central nervous system; vomiting; gastrointestinal irritation; diarrhea; reddening of the face and/or neck; change in white blood cells; distorted perception; motor activity changes; ataxia; human reproductive effects; antipsychotic; sleep disorders; pulmonary changes; alteration of gastric secretions; menstrual cycle changes; decrease in body temperature; unconsciousness; convulsions; coma and death. Ingestion of significant quantities may result in red blood cell hemolysis.

CHRONIC EXPOSURE EFFECTS

Prolonged skin contact may result in absorption of a harmful amount of this material. Repeated exposure may cause skin sensitization. May cause dizziness; fatigue; eye damage; liver damage; kidney damage; blood disorders; photosensitivity; eye irritation; tremors. Prolonged skin contact may cause irritation, redness, swelling and possible skin destruction. May cause additional symptoms listed under inhalation.

MEDICAL CONDITIONS AGGRAVATED

Disease of the skin; eyes; and liver.

PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

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SECTION 5. FIRST AID MEASURES

INHALATION

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT

Wash with soap and water. Get medical attention.

EYE CONTACT

Immediately flush with water, remove any contact lens, flush with water for at least 15 minutes. Get medical attention.

INGESTION

DO NOT induce vomiting. Call your poison control center, hospital emergency room, or physician immediately.

NOTE TO PHYSICIAN

This formula is registered with POISINDEX.
Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE	HMS	NFPA
HEALTH	2	2
FLAMMABILITY	3	3
REACTIVITY	0	0
OTHER	G	NA

FLASH METHOD

SETA

FLASH POINT

82.00 F 27.77 C

LOWER EXPLOSION LIMIT

1

GENERAL COMMENTS

OSHA FLAMMABILITY: Class IC

EXTINGUISHING METHOD

Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS

DANGER! FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, FLAME, AND ALL OTHER SOURCES OF IGNITION. Do not smoke.
Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other sources.

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SECTION 7. ACCIDENTAL RELEASE MEASURES

CLEAN-UP

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. **SMALL SPILLS:** take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable. **LARGE SPILLS:** dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE

STORAGE

Store in a cool, dry place. Avoid extreme high or low temperatures.

HANDLING

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION

For D.O.T. information, contact W.M. Barr Technical Services Department.

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is inadequate. Leave area immediately.

RESPIRATORY PROTECTION

For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

EYE PROTECTION

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

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SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION
(CONTINUED)

OTHER PROTECTION

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE %

100

BY WEIGHT

BOILING POINT

GT 168.00 F 75.55 C

VAPOR DENSITY (Air = 1.0)

HEAVIER THAN AIR

EVAPORATION RATE

SLOWER THAN ETHER

BULK DENSITY

7.17

LBS/GAL AT 75 DEGREES F

pH FACTOR

N/E

PHOTOCHEMICALLY REACTIVE

YES

MAX V.O.C.

880 grams per liter (excluding exempt solvents and water).

MAX VAPOR PRESSURE

3mm Hg at 20 degrees C

SECTION 12. STABILITY AND REACTIVITY

INCOMPATIBILITIES

Incompatible with strong oxidizing agents; acids; alkali; halogens; peroxides; vinyl chloride; iodine flouride; and acetyl chloride.

DECOMPOSITION

Thermal decomposition may produce carbon monoxide; carbon dioxide; acrid smoke and fumes.

POLYMERIZATION

Will not occur.

STABILITY

Stable.

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SECTION 13. ADDITIONAL INFORMATION

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IMPORTANT NOTE

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:

PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
PMCC = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

END OF MSDS